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(71) Applicant (for DE only): **PHILIPS INTELLECTUAL
PROPERTY & STANDARDS GMBH** [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).

(71) Applicant (for all designated States except DE, US):
KONINKLIJKE PHILIPS ELECTRONICS N. V.
[NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **LIEB, Markus**
[DE/DE]; c/o Philips Intellectual Property & Standards
GmbH, Weisschausstr. 2, 52066 Aachen (DE).

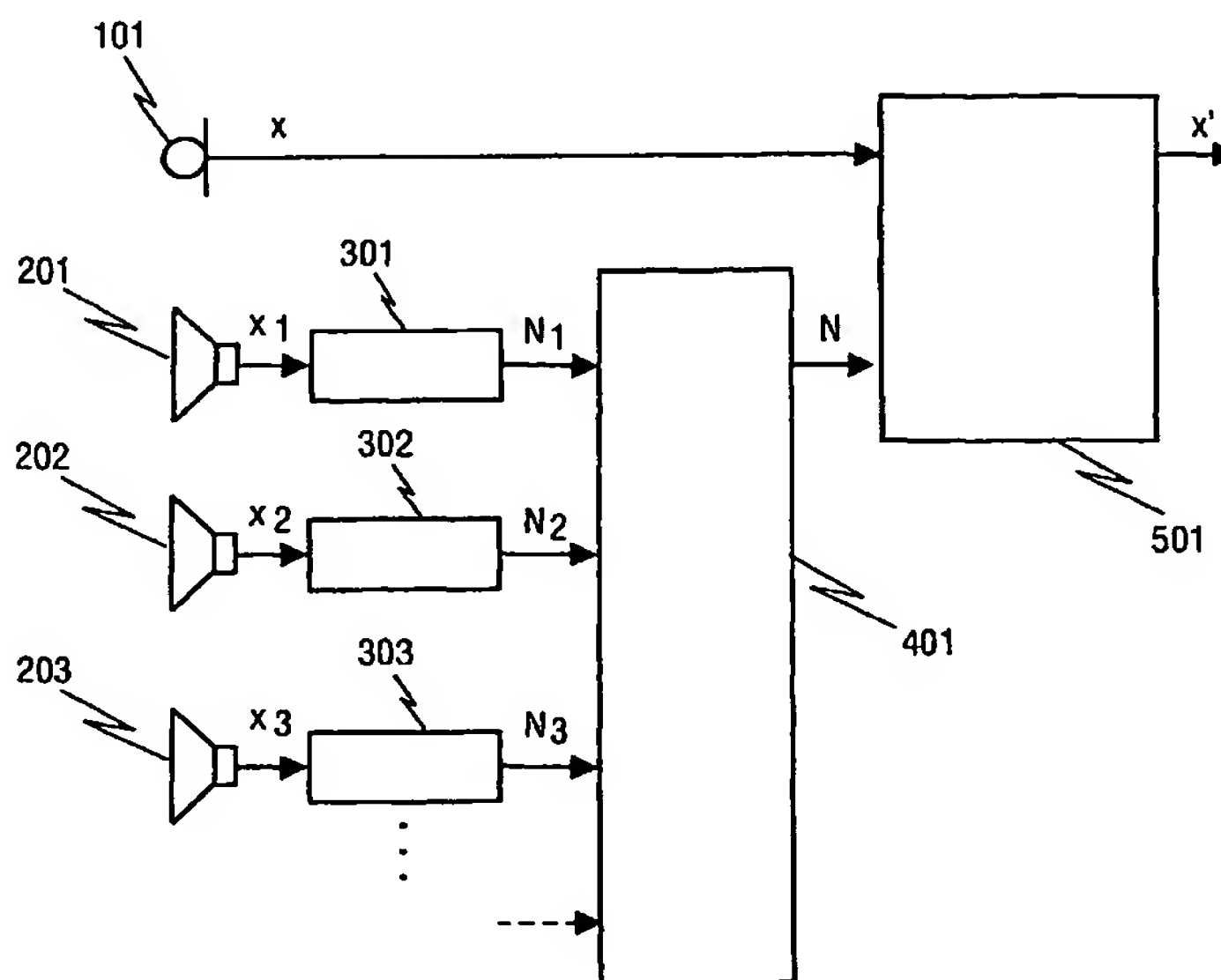
(74) Agent: **VOLMER, Georg**; Philips Intellectual Property &
Standards GmbH, Weisschausstr. 2, 52066 Aachen (DE).

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(54) Title: METHOD AND APPARATUS FOR REDUCING AN INTERFERENCE NOISE SIGNAL FRACTION IN A MICROPHONE SIGNAL



(57) Abstract: The invention discloses a method of reducing an interference noise signal fraction in a microphone signal, which method is based on estimating the interference noise signal fraction from a virtually pure interference noise signal and does not require any additional microphones. It is an essential feature of the method according to the invention that the signal which is used as a basis for estimating the interference noise signal fraction in the microphone signal of interest is received by means of one or more inversely operated loudspeakers. There is no need to install further microphones, particularly in situations where there are already one or more loudspeakers as components of an audio system. Such a situation arises for example in any motor vehicle fitted with an audio system.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fachado Romano, A

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